

# **State of Alaska FY2009 Governor's Operating Budget**

## **Department of Education and Early Development WWAMI Medical Education Component Budget Summary**

**Component: WWAMI Medical Education**

**Contribution to Department's Mission**

The mission of the Alaska WWAMI program is to promote and provide public medical education to Alaskans, and to encourage graduates to practice medicine in Alaska.

**Core Services**

This component funds the education and administrative costs for the second, third and fourth year students while they are enrolled in the University of Washington, School of Medicine (UWSM) WWAMI program. Students are enrolled at the University of Alaska Anchorage for their first year of medical school. The second year is at UWSM and the 3rd and 4th year clinical clerkships are located throughout the 5-state region, including Alaska. During years 2 through 4 these students pay resident tuition and fees at the University of Washington, School of Medicine. Funding is also provided to support the clinical sites in Alaska. The basis for the funding structure is determined by the partnership contract between the UWSM, the University of Alaska, and the State of Alaska. The Commission acts as the state's fiscal agent and administers WWAMI participants' services agreements/loans.

- Educate medical students to become physicians
- Provide medical educational opportunities in Alaska, including graduate medical education
- Create outreach opportunities for rural/underserved pre-college students as well as undergraduate premedical students toward health careers

End Result	Strategies to Achieve End Result
<p><b>A: An Alaska Medical Program</b></p> <p><u>Target #1:</u> 20 medical students enrolled annually  <u>Measure #1:</u> Number of students enrolled</p> <p><u>Target #2:</u> 95% enrollee to graduation rate  <u>Measure #2:</u> Percent of graduates</p>	<p><b>A1: Pre College Outreach</b></p> <p><u>Target #1:</u> Maintain adequate applicant to opening pool of 4:1  <u>Measure #1:</u> Number of applicants to openings</p> <p><u>Target #2:</u> Maintain participation at more than 165 for UDOC's program and the PreMed Summit  <u>Measure #2:</u> Number of participants</p>
End Result	Strategies to Achieve End Result
<p><b>B: Program Graduates Practice in Alaska</b></p> <p><u>Target #1:</u> The number of physicians who begin practicing in Alaska who are WWAMI region graduates equals 65% of the Alaskans who graduate from the program  <u>Measure #1:</u> Number of WWAMI graduates practicing in Alaska</p>	<p><b>B1: Educational opportunities exist to recruit graduates to practice in Alaska</b></p> <p><u>Target #1:</u> Increase Alaska sites participating in Rural/Underserved Opportunities Program to 15  <u>Measure #1:</u> Number of sites participating</p> <p><u>Target #2:</u> Increase Alaska medical student clerkship to 13  <u>Measure #2:</u> Number of Alaska clerkship sites</p> <p><u>Target #3:</u> Increase the number of student clerkship rotations in Alaska to 137  <u>Measure #3:</u> Number of student clerkship rotations</p>

**Major Activities to Advance Strategies**

- Identify potential training sites
- Recruit physician faculty
- Mentor physicians
- Recruit medical students to Alaska clerkship sites
- Ensure quality by student and faculty evaluations
- Visit and evaluate current and potential training sites
- Work with partners to organize and deliver education
- Recruit partner institutions
- Capitalize on new technologies to deliver education
- Work with UA to maintain applicant pool

**FY2009 Resources Allocated to Achieve Results**

**FY2009 Component Budget: \$2,130,100**

**Personnel:**

Full time	0
Part time	0
<b>Total</b>	<b>0</b>

**Performance Measure Detail**

**A: Result - An Alaska Medical Program**

**Target #1:** 20 medical students enrolled annually

**Measure #1:** Number of students enrolled

**Number of Medical Students Admitted Annually**

Year	No. of Students Admitted
2005	10
2006	10
2007	20
2008	20

**Analysis of results and challenges:** WWAMI is a partnership among the State of Alaska, the University of Alaska and the University of Washington School of Medicine that provides outstanding medical education and physicians for Alaska. Historically, 10 Alaskans are admitted to the Alaska WWAMI Medical Education Program. This means that annually there are 40 students in the program. With a class expansion to 20 students in 2007, the total number in the program increased to 50. By 2010 total enrollment will increase to 80. The challenge is to ensure adequate space and faculty at the University of Alaska Anchorage and a sufficient number of clinical training sites to accommodate an expanding program.

**Target #2:** 95% enrollee to graduation rate

**Measure #2:** Percent of graduates

Total Enrolled 1971 - 2003	Total Graduates 1971 - 2007	Enrollees to Graduates %
315	299	95%

**Analysis of results and challenges:** Sixteen students did not graduate due to death, academic difficulties or personal problems. The major challenges involved in attempting a 95% graduation rate are choosing applicants with characteristics to stay committed to the program through completion, and reinforcing those characteristics with a program that offers students desirable educational opportunities. Regardless, graduation rates can be impacted by elements outside of our control such as student withdrawal due to illness or other factors.

**A1: Strategy - Pre College Outreach**

**Target #1:** Maintain adequate applicant to opening pool of 4:1

**Measure #1:** Number of applicants to openings

**Number of Applicants to Openings**

Year	Openings	Applicants
2007	20	83

**Analysis of results and challenges:** Outreach programs to high school and undergraduate students have helped to ensure a consistent pool of qualified applicants. Current outreach efforts include a six-week summer high school residential program and an annual PreMed Summit. The challenge will be to continue to maintain a large applicant pool with the proposed increase in program open slots.

**Target #2:** Maintain participation at more than 165 for UDOC's program and the PreMed Summit

**Measure #2:** Number of participants

**Number of Participants**

Year	No. of Participants
2005	21
2006	165
2007	199
2008	165*

\*Forecast

**Analysis of results and challenges:** In 2006, a PreMed Summit was added to outreach efforts. This resulted in a significant increase in the number of potential applicants reached. The summer enrichment programs (Della Keats / U-DOC / NIDDK) are comprehensive, residential six-week programs. They are designed to encourage high school students from minority, disadvantaged, or rural backgrounds to pursue health-related careers. Both the summer enrichment programs and the PreMed Summit provide an opportunity for high school students, undergraduate students and career counselors to learn about medical careers. The challenge is to provide new and updated information for parents, advisors and students to help maintain the 2006 level of participation.

**B: Result - Program Graduates Practice in Alaska**

**Target #1:** The number of physicians who begin practicing in Alaska who are WWAMI region graduates equals 65% of the Alaskans who graduate from the program

**Measure #1:** Number of WWAMI graduates practicing in Alaska

**WWAMI Region Graduates Practicing in Alaska**

Year	% AK WWAMI Grads in AK
2006	78%
2007	75%
2008	75%*

\*Forecast

**Analysis of results and challenges:** Nationally 40% of students from state supported medical schools practice in the same state. To date, the Alaska WWAMI Program has successfully exceeded both the national (40%) and the program target rate (65%). To foster practice in Alaska, WWAMI offers educational opportunities for medical students in rural Alaska and clerkships in a variety of specialties. With the class expansion over the next three years, the challenge will be establishing a corresponding growth in the opportunities that foster practice in Alaska.

**B1: Strategy - Educational opportunities exist to recruit graduates to practice in Alaska**

**Target #1:** Increase Alaska sites participating in Rural/Underserved Opportunities Program to 15

**Measure #1:** Number of sites participating

**Sites Participating in Rural/Underserved Opportunity Program**

Year	# of Sites Participating
2005	6
2006	7
2007	15
2008	15*

\*Forecast

**Analysis of results and challenges:** The Rural/Underserved Opportunity Program (R/UOP) is for students who have just completed their first year of medical school. During the summer of 2007, 16 students were placed with physicians in Alaska's rural communities where they shadowed physicians and learned about rural practice. The challenge is to increase the number of sites participating that will be needed with the class expansion to 20 students per year. (For Dental/R/UOP there were an additional 7 sites and 9 students)

**Target #2:** Increase Alaska medical student clerkship to 13

**Measure #2:** Number of Alaska clerkship sites

**Alaska Clerkship Sites**

Year	No. of Sites
2005	12
2006	12
2007	12
2008	13*

\*Forecast

**Analysis of results and challenges:** Physicians across Alaska train 3rd and 4th year medical students throughout the year. For the 2004-2005 academic year, a clerkship in neurology began in Anchorage and an obstetrics/gynecology clerkship was initiated in Fairbanks, bringing the total number of Alaskan clerkship sites to 12. The challenge is to develop new clerkship sites to accommodate new students related to class expansion.

**Target #3:** Increase the number of student clerkship rotations in Alaska to 137

**Measure #3:** Number of student clerkship rotations

**Number of Students Rotating in Alaska Clerkships**

Year	No. of Students
2005	107
2006	114
2007	128
2008	137*

\*Forecast

**Analysis of results and challenges:** Each year the number of students at the clerkship sites fluctuates due to student preferences and availability of physicians/clerkship sites and slots. These 3rd and 4th year medical student clerkship slots are open to WWAMI students from the five-state WWAMI region. Alaskan students get preference for placement in Alaska. As a result of these opportunities to experience medical practice in Alaska, a number of students have returned to or relocated to Alaska to practice. With class expansion it will be necessary to ensure sufficient clerkship sites and department approved physicians to accommodate the increased number of students available for clerkship rotations.

**Key Component Challenges**

To continue to provide Alaskans guaranteed access to medical education and to address statewide professional medical

workforce needs.

## Significant Changes in Results to be Delivered in FY2009

In the Spring of 2007, the Alaska WWAMI Program expanded class size to 20 incoming students per year. By 2010 Alaska WWAMI will have 20 students in each year of medical education for a total of 80.

The Alaska Family Medicine Residency has been expanding for a number of years. Currently there are 12 first-year residents and 10 third-year residents. When the expansion is complete in 2008, the Alaska Family Medicine Residency will have 36 residents.

## Major Component Accomplishments in 2007

- Alaska WWAMI class size was increased to 20 incoming medical students per year;
- Continued expansion of the Alaska Family Medicine Residency to a total of 24 residents in the 3-year program;
- Renovation of 1st year lab, classroom and study space to accommodate larger incoming medical class;
- UAA Chancellor's Diversity Award won by Della Keats / U-DOC / National Institute of Diabetes Digestive and Kidney Diseases (NIDDK);
- National Institute of Health / NIDDK Commitment to Excellence Award won by Della Keats / U-DOC / NIDDK UAA Director Ian van Tets, PhD;
- Second annual PreMed Summit to all three UA campuses attracted 175 participants (about a 20% increase)
- Alaska WWAMI applicant interviews offered in Anchorage for the first time
- Mini Medical School, a community continuing education series was held in Fairbanks in February. A second series was held in October in Anchorage, video recorded for school use and telecast to Fairbanks and Juneau; and
- The Rural / Underserved Opportunities Program (R/UOP) doubled the number of students and sites involved in Alaska.

## Statutory and Regulatory Authority

AS.14.42.030 (d)  
AS 14.43.510  
20 AAC 19.010-19.900

### Contact Information

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**WWAMI Medical Education  
Component Financial Summary**

*All dollars shown in thousands*

	FY2007 Actuals	FY2008 Management Plan	FY2009 Governor
<b>Non-Formula Program:</b>			
<b>Component Expenditures:</b>			
71000 Personal Services	0.0	0.0	0.0
72000 Travel	0.0	0.0	0.0
73000 Services	1,543.3	1,698.0	2,130.1
74000 Commodities	0.0	0.0	0.0
75000 Capital Outlay	0.0	0.0	0.0
77000 Grants, Benefits	0.0	0.0	0.0
78000 Miscellaneous	0.0	0.0	0.0
<b>Expenditure Totals</b>	<b>1,543.3</b>	<b>1,698.0</b>	<b>2,130.1</b>
<b>Funding Sources:</b>			
1004 General Fund Receipts	1,543.3	1,698.0	2,130.1
<b>Funding Totals</b>	<b>1,543.3</b>	<b>1,698.0</b>	<b>2,130.1</b>

**Summary of Component Budget Changes  
From FY2008 Management Plan to FY2009 Governor**

*All dollars shown in thousands*

	<u>General Funds</u>	<u>Federal Funds</u>	<u>Other Funds</u>	<u>Total Funds</u>
<b>FY2008 Management Plan</b>	<b>1,698.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1,698.0</b>
<b>Proposed budget increases:</b>				
-WWAMI Program Expansion	432.1	0.0	0.0	432.1
<b>FY2009 Governor</b>	<b>2,130.1</b>	<b>0.0</b>	<b>0.0</b>	<b>2,130.1</b>